

## INDEX TO VOLUME 85

Compiled by Willetta Lueshen

This index is primarily one to new information. Previously published information referred to in this volume has not been indexed unless extensive comparisons or reinterpretations are involved. Also not indexed are the various species of birds mentioned in the Reports of the Committee on Conservation (pp. 117-126 and 669-677). For some species, especially ones not in the A.O.U. Check-list area, scientific names only have been entered, and in some instances entries under scientific names are more extensive than those under vernacular names. New generic, specific, and subspecific names are printed in **boldface** type.

- Accipiter
  - cooperii, 696-697
  - gentilis, 431-436
- Actitis macularia, 455
- Africa, 131
- Age groups, see Sex and —
- Agelaius
  - phoeniceus, 238-239, 513, 560-585
  - p. phoeniceus, 309
- Ajaia ajaia, 325
- Alabama, 501, 697
- Alaska, 139-140, 316-317, 320, 510-511, 639-653, 683-684
- Albatross,
  - Laysan, 134-136
  - Wandering, 502-504
- Alberta, 389
- Alca torda, 324
- Aldrich, John W., In memoriam: Harry Church Oberholser, 25-29
- Allen, Arthur A., bibliography, 202, memoriam, 193-202
- Amadina fasciata, 326-328
- Amaurornis olivaceus, 65-82
- Amazilia
  - beryllina, 329
  - verticalis, 329
- American Ornithologists' Union,
  - Amendments, 102-103
  - Brewster Memorial Award, 101-102
  - Committees, 112-113
  - Officers and officials, 112
  - Proceedings of the Eighty-fifth Stated Meeting, 101-116
  - Report of the Committee on Conservation, 1967, 117-126
  - Report of the Committee on Conservation, 1968, 669-677
- Treasurer's Report, 113-116
- Ammodramus savannarum, 312-315, 586-593
- Ammospiza
  - bairdii, 586-593
  - caudacuta, 586-593
  - maritima, 586-593
  - nigrescens, 586-593
- Anas
  - acuta, 381-396
  - c. crecca, 305
  - discors, 305, 617-632
  - p. platyrhynchos, 304-305, 385, 684-686
  - strepera, 355-380, 684-686
- Anatomy (see also Myology),
  - embryo, 355-380
  - kidney, 216-228
  - olfactory bulb, 55-61
  - syrinx, 229-243
  - thyroid, 397-403
  - torus, 132-133
- Anatomy and embryology, periodical literature on, 159, 334, 529, 707
- Anhima cornuta, 633-638
- Annotated lists, see Distribution and —
- Anser albifrons, 304
- Antarctic, 689-690
- Antbird,
  - Bicolored, 258
  - Black-spotted, 258
  - Ocellated, 258
  - Pale-faced, 253-264
  - Reddish-winged Bare-eyes, 258
  - Scale-backed, 260
  - Sooty, 260
  - White-breasted, 258
- Anthus hodgsoni yunnanensis, 323
- Aptenodytes patagonica, 689-690

## INDEX TO VOLUME 85

Compiled by Willetta Lueshen

This index is primarily one to new information. Previously published information referred to in this volume has not been indexed unless extensive comparisons or reinterpretations are involved. Also not indexed are the various species of birds mentioned in the Reports of the Committee on Conservation (pp. 117-126 and 669-677). For some species, especially ones not in the A.O.U. Check-list area, scientific names only have been entered, and in some instances entries under scientific names are more extensive than those under vernacular names. New generic, specific, and subspecific names are printed in **boldface** type.

- Accipiter
  - cooperii, 696-697
  - gentilis, 431-436
- Actitis macularia, 455
- Africa, 131
- Age groups, see Sex and —
- Agelaius
  - phoeniceus, 238-239, 513, 560-585
  - p. phoeniceus, 309
- Ajaia ajaia, 325
- Alabama, 501, 697
- Alaska, 139-140, 316-317, 320, 510-511, 639-653, 683-684
- Albatross,
  - Laysan, 134-136
  - Wandering, 502-504
- Alberta, 389
- Alca torda, 324
- Aldrich, John W., In memoriam: Harry Church Oberholser, 25-29
- Allen, Arthur A., bibliography, 202, memoriam, 193-202
- Amadina fasciata, 326-328
- Amaurornis olivaceus, 65-82
- Amazilia
  - beryllina, 329
  - verticalis, 329
- American Ornithologists' Union,
  - Amendments, 102-103
  - Brewster Memorial Award, 101-102
  - Committees, 112-113
  - Officers and officials, 112
  - Proceedings of the Eighty-fifth Stated Meeting, 101-116
  - Report of the Committee on Conservation, 1967, 117-126
  - Report of the Committee on Conservation, 1968, 669-677
- Treasurer's Report, 113-116
- Ammodramus savannarum, 312-315, 586-593
- Ammospiza
  - bairdii, 586-593
  - caudacuta, 586-593
  - maritima, 586-593
  - nigrescens, 586-593
- Anas
  - acuta, 381-396
  - c. crecca, 305
  - discors, 305, 617-632
  - p. platyrhynchos, 304-305, 385, 684-686
  - strepera, 355-380, 684-686
- Anatomy (see also Myology),
  - embryo, 355-380
  - kidney, 216-228
  - olfactory bulb, 55-61
  - syrinx, 229-243
  - thyroid, 397-403
  - torus, 132-133
- Anatomy and embryology, periodical literature on, 159, 334, 529, 707
- Anhima cornuta, 633-638
- Annotated lists, see Distribution and —
- Anser albifrons, 304
- Antarctic, 689-690
- Antbird,
  - Bicolored, 258
  - Black-spotted, 258
  - Ocellated, 258
  - Pale-faced, 253-264
  - Reddish-winged Bare-eyes, 258
  - Scale-backed, 260
  - Sooty, 260
  - White-breasted, 258
- Anthus hodgsoni yunnanensis, 323
- Aptenodytes patagonica, 689-690

- Aquila chrysaetos*, 1-12, 305
- Arib, Robert S., Jr., Olin Sewall Pettingill, Jr., and Sally Hoyt Spofford, Enjoying birds around New York City (rev.), 527-528
- Argentina, 137-138
- Arizona, 204, 315, 329
- Ashmole, N. Philip, and Humberto Tovar S., Prolonged parental care in Royal Terns and other birds, 90-100
- Asio  
     *flammeus*, 7  
     *otus*, 7
- Atkeson, Thomas Z., Jr., A brant specimen from Alabama, 697
- Atlantic Ocean, 130-131
- Austin, George T., Additional bird records for southern Nevada, 692
- Austin, Oliver L., Jr., Water and marsh birds of the world (rev.), 333
- Australia, 66, 416-430
- Aythya  
     *marila nearctica*, 305  
     *valisineria*, 684-686
- Bagg, Marion B., Kingbird feeding Baltimore Oriole nestling, 321
- Baillie, James L., review by, 526-527
- Baird, James, A United States record of the Black-tailed Godwit, 500
- Balda, Russell P., and Steve Carothers, Nest protection by the Brown-headed Cowbird (*Molothrus ater*), 324-325
- Bang, B. G., and Stanley Cobb, The size of the olfactory bulb in 108 species of birds, 55-61
- Banks, Richard C., and Roxie C. Laybourne, The Red-whiskered Bulbul in Florida, 141
- Barclay-Smith, P. (ed.), X Bull. intern. council for bird preservation (rev.), 707
- Barlow, Jon C., review by, 701-702
- Bauer, Kurt M. and Urs N. Glutz von Blotzheim, Handbuch der Vögel Mitteleuropas (rev.), 522-524
- Beardslee, Clark S. and Harold D. Mitchell, Birds of the Niagara frontier region (rev.), 526-527
- Behavior, periodical literature on, 159-161, 334-337, 529-530, 707-710
- Behavior (see also Food and feeding habits, Migration, Territoriality, and Vocalizations),  
     aggressive, 261, 687-688  
     alarm, 261  
     antiphonal calling, 83-89  
     bathing, 98  
     begging by young, 50-51, 91, 127  
     bill-sweeping, 477-492  
     breeding, 316-317  
     bridling, 384-389  
     broody, 389-396  
     bugling, 258-259  
     burp, 382-396  
     chin lifting, 381-396  
     chipping, 258  
     chirring, 258  
     copulation, 388-396  
     courtship, 381-396, 465-476  
     display, 139, 464-476  
     distraction display, 488-492  
     egg puncturing, 697-699  
     exploratory flight, 389-396  
     food call, 464-476  
     grunt whistle, 382-396  
     grunting, 258  
     harassment, 389-396  
     head down, 386-396  
     head-scratching, 136, 260  
     head up display, 385-396  
     head up tail up, 382-396  
     hoarding, 139  
     inciting, 382-396  
     nest protection, 324-325  
     nesting, 324  
     nod swimming, 387-396  
     pecking, 381-396  
     posture, 381-396  
     precopulatory pumping, 387-389  
     pursuit flight, 389-396  
     repulsion, 386-396  
     retreating, 381-396  
     sexual, 262  
     singing, 62-82, 258  
     snapping, 259  
     social, 381-396, 464-476  
     tidbitting, 465-476  
     turning the back of the head, 386-396

- yawning, 511
- Behavior of (see also Food and feeding habits, Migration, Territoriality, and Vocalizations),
- Agelaius phoeniceus*, 560-585
- Alca torda*, 324
- Anas acuta*, 381-396
- A. discors*, 617-632
- Carduelis chloris*, 511
- Colinus virginianus*, 464-476
- Dendrocopos arizonae*, 203-215
- D. borealis*, 203-215
- Elaenia flavogaster*, 268-286
- E. martinica*, 268-286
- Geranospiza nigra*, 493-494
- Larus atricilla*, 697-699
- Lobipes lobatus*, 316-317
- Perisoreus*, 139
- Phlegopsis borbae*, 253-257
- Quiscalus quiscula*, 560-585
- Regulus satrapa*, 506
- Sitta carolinensis*, 477-492
- Skutchia borbae*, 257-264
- Streptopelia risoria*, 687-688
- Turdus migratorius*, 696
- Benham, Earl L., see Shields, Robert H., and —
- Berger, Andrew J., Appendicular myology of Kirtland's Warbler, 594-616, Clutch size, incubation period, and nestling period of the American Goldfinch, 494-498
- Berger, Daniel D., see Mueller, Helmut C. and —
- Billings, Susan M., *Homing* in Leach's Petrel, 36-43
- Bioenergetics,
- Dendroica p. palmarum*, 13
- Biology, general, periodical literature on, 170-172, 344-346, 538-542, 719-721
- Blackbird,
- Redwinged, 238-239, 309, 513, 560-585
- Blake, Charles H., Crown display of Golden-crowned Kinglet, 506
- Bluebird,
- Eastern, 684
- Mountain, 684
- Bobolink, 309
- Bobwhite, 83-89, 464-476
- Bock, Walter I., review by, 522-524
- Body characteristics,
- Dendroica p. palmarum*, 13
- Bonasa umbellus*, 306
- Bongiorno, Salvatore F., Egg puncturing behavior in Laughing Gulls, 697-699
- Borneo, 549-559
- Bowen, Vaughan T., An egret observed on St. Paul's Rocks, equatorial Atlantic Ocean, 130-131
- Branta bernicla hrota*, 697
- Brazil, 253-264, 323, 694-695
- Breeding (see also Behavior, Clutch size, Eggs, Incubation, Nests, Nesting Success),
- Aquila chrysaetos*, 1-6
- Cephus grylle*, 139-140
- Collocalia gigas*, 555
- Lobipes lobatus*, 316-317
- Breeding populations,
- Agelaius phoeniceus*, 562-565
- Quiscalus quiscula*, 562-565
- Brewer, Richard, review by, 525-526, see Morehouse, Elmer L., and —
- British Columbia, 639-653, 695, 696-697
- Brush, Alan H., and Harold Seifried, Pigmentation and feather structure in genetic variants of the Gouldiae, 416-430
- Bubo virginianus*, 7
- Bulbulus
- ibis*, 130-131
- i. ibis*, 304
- Bucephala islandica*, 305
- Bucheister, Carl W., Razorbill nesting at Matimicus Rock, Maine, 324
- Buckley, F. G., see Buckley, P. A., and —
- Buckley, P. A., and F. G. Buckley, Tongue-flicking by a feeding Snowy Egret, 678
- Budd, G. M., Population increase in the King Penguin, *Aptenodytes patagonica*, 689-690
- Bulbul, Red-whiskered, 141
- Eunting, Lazuli, 324
- Burleigh, Thomas D., The Indian Tree Pipit (*Anthus hodgsoni*) recorded for the first time in North America, 323, *Parus rufescens levyi* a nomen novum for *P. r. caliginosus* Burleigh, 695

- Buteo**  
*lagopus*, 501  
*l. lineatus*, 455  
  
**Calcarious**  
*lapponicus*, 310  
*l. alascensis*, 639-653  
*ornatus*, 232-233  
**Calidris canutus**, 687  
**California**, 128-129, 502-504  
**Calypte anna**, 501  
**Campbell, John M.**, Records of *Falco sparverius* from the John River valley, Arctic, Alaska, 510-511  
**Campochoera sloetii**, 66-81  
**Canachites c. canadensis**, 305-306  
**Canvasback**, 684-686  
**Carduelis chloris**, 511  
**Carothers, Steve**, see Balda, Russell P., and —  
**Carter, G. S.**, Structure and habit in vertebrate evolution (rev.), 333  
**Cassel, J. Frank**, see Kroodsma, Roger L., and —  
**Catbird**, 308  
**Cathartes aura**, 305  
**Central America**, 131  
**Centrocerus urophasianus**, 7  
**Centurus carolinensis**, 212  
**Cephus grylle**, 139-140  
**Chaetura gigantea**, 549-552  
**Chamaepetes goudoti**, 633-638  
**Chamberlain, Dwight R.**, **W. B. Gross**, **George W. Cromwell**, and **Henry S. Mosby**, Syringeal anatomy in the Common Crow, 244-252  
**Chambers, W. Lee**, bibliography, 409, memoriam, 405-409  
**Chat, Yellow-breasted**, 309  
**Chauna chavaria**, 633-638  
**Chickadee, Chestnut-backed**, 695  
**Chicken, Lesser Prairie**, 679  
**Chlidonias nigra**, 307  
**Chordeiles minor**, 236-237  
**Ciconia maltha**, 315  
**Circus cyaneus**, 7  
**Clancy, P. A.**, Gamebirds of South Africa (rev.), 331-332  
**Clutch size** (see also Breeding), 94  
*Aquila chrysaetos*, 5-6  
  
*Diomedea immutabilis*, 134-136  
*Spinus tristis*, 494-498  
*Sporophila obscura*, 137-138  
**Cobb, Stanley**, On the size of the auditory nuclei in some Apodiformes and Caprimulgiformes, 132-133, see Bang, B. G., and —  
**Coccyzus**  
*a. americanus*, 307  
*erythrophthalmus*, 307-308  
**Colaptes cafer**, ?  
**Colinus virginianus**, 83-89, 464-476  
**Collocalia**  
*gigas*, 549-559  
*linchi*, 552-553  
**Colombigallina passerina**, 692  
**Columba livia**, 7  
**Colymbus auritus**, 129  
**Connecticut**, 696  
**Conservation**, see Management and —  
**Cone, Clarence D., Jr.**, Thermal soaring by migratory Starlings, 19-23  
**Contino, Francisco**, Observations on the nesting of *Sporophila obscura* in association with wasps, 137-138  
**Coracina**  
*caeruleogrisea*, 70  
*montana*, 67-81  
*morio*, 70  
*papuensis*, 70  
*schisticeps*, 67-81  
**Cormorant, Double-crested**, 513, 682  
**Cornwell, George W.**, see Chamberlain, Dwight R., and —  
**Corvus**  
*brachyrhynchus*, 244-252, 681-683  
*corax*, 681-683  
*ossifragus*, 698-699  
**Costa Rica**, 493-494  
**Cowbird**  
*Brown-headed*, 309-310, 324-325, 495  
*Shiny*, 325  
**Crane, Whooping**, 318  
**Crane-hawk, Blackish**, 493-494  
**Crow**,  
*Common*, 244-252, 681-683  
*Fish*, 698-699  
**Crowell, Kenneth L.**, Competition between two West Indian flycatchers, *Elaenia*, 265-286

- Cruikshank, Allan D., review by, 527-528
- Cuckoo,  
  Black-billed, 307-308  
  Yellow-billed, 307
- Cuckoo-shrike,  
  Golden, 67-81  
  Grey-headed, 67-81  
  Mountain, 67-81
- Curlew, Long-billed, 7
- Cyanocitta cristata, 513
- Cygnus olor, 504-505
- Dacelo  
  gaudichaud, 66-82  
  gigas, 66  
  leachii, 66
- Davis, John, A third specimen of the Brown Thrasher from California, 128-129
- Deformity,  
  Larus argentatus, 506-508
- Dendragapus obscurus, 7
- Dendrocincla  
  fuliginosa, 260  
  merula, 260
- Dendrocolaptes concolor, 260
- Dendrocopos  
  arizonae, 203-215  
  borealis, 203-215  
  pubescens, 212, 258  
  scalaris, 213  
  villosus, 213
- Dendroica  
  auduboni, 510  
  caerulea, 235  
  caerulescens, 232-234  
  castanea, 136, 309  
  chrysoparia, 233-234  
  coronata, 136  
  discolor, 232-233, 322  
  dominica albilora, 309  
  kirtlandii, 594-616  
  p. palmarum, 13-18  
  pennsylvanica, 309  
  tigrina, 308  
  virens, 233-235, 320
- Diamond, Jared M., and John W. Terborgh, Dual singing by New Guinea birds, 62-82
- Dickcissel, 310
- Dickerman, Robert W., A hybrid Grasshopper Sparrow  $\times$  Savannah Sparrow, 312-315, and Kenneth C. Parkes, Notes on the plumages and generic status of the Little Blue Heron, 437-440
- Dimorphism, sexual,  
  Woodpeckers, 211-214
- Diomedea  
  exulans, 502-504  
  immutabilis, 134-136
- Diseases and Parasites, periodical literature on, 161, 337, 530-531, 710-711
- Distribution and annotated lists, periodical literature on, 161-164, 337-341, 532-535, 711-714
- Distribution of,  
  Agelaius p. phoeniceus, 309  
  Alca torda, 324  
  Amazilia beryllina, 329  
  A. verticalis, 329  
  Anas acuta, 320  
  A. c. crecca, 305  
  A. discors, 305  
  A. p. platyrhynchos, 304  
  Anser albifrons, 304  
  Anthus hodgsoni yunnanensis, 323  
  Aquila chrysaetos canadensis, 305  
  Aythya marila nearctica, 305  
  Bonasa umbellus, 306  
  Branta bernicla hrota, 697  
  Bubulcus ibis, 130-131  
  B. i. ibis, 304  
  Bucephala islandica, 305  
  Buteo lagopus, 501  
  Calcarius lapponicus, 310  
  Calypte anna, 501  
  Canachites c. canadensis, 305  
  Cathartes aura, 305  
  Cepphus grylle, 139-140  
  Chlidonias nigra, 307  
  Coccyzus a. americanus, 307  
  C. erythrophthalmus, 307  
  Collocalia gigas, 549-559  
  Dendroica auduboni, 510  
  D. castanea, 309  
  D. discolor, 322  
  D. dominica albilora, 309  
  D. pennsylvanica, 309

- D. tigrina*, 308  
*D. virens*, 320  
*Diomedea exulans*, 502-504  
*Dolichonyx oryzivorus*, 309  
*Dumetella carolinensis*, 308  
*Egretta g. garzetta*, 304  
*Embernagra longicauda*, 323  
*Empidonax hammondi*, 512  
*Eremphila alpestris*, 511  
*Erolia acuminata*, 692  
*Falco sparverius*, 510  
*Falco s. sparverius*, 305  
*Hesperiphona v. vespertina*, 310  
*Icteria virens*, 309  
*I. galbula*, 309  
*Larus atricilla*, 307  
*L. c. canus*, 307  
*L. minutus*, 307  
*Limosa limosa*, 500  
*L. l. islandica*, 306  
*Mimus p. polyglottos*, 308  
*Molothrus a. ater*, 309  
*Oenanthe oenanthe*, 308  
*Oceanites oceanicus*, 130  
*Oceanodroma leucorhoa*, 319  
*Orthorhyncus cristatus*, 322  
*Phasianus colchicus*, 306  
*Pipilo erythrophthalmus*, 310  
*Piranga olivacea*, 310  
*Plegadis f. falcinellus*, 304  
*Pluvialis apricaria altifrons*, 306  
*Porzana carolina*, 306  
*Progne s. subis*, 308  
*Pycnonotus jocosus*, 141  
*Rallus l. limicola*, 306  
*Rynchops n. nigra*, 307  
*Sitta canadensis*, 510  
*Spatula clypeata*, 305  
*Spinus t. tristis*, 310  
*Spiza americana*, 310  
*Sterna anaethetus recognita*, 307  
*Toxostoma rufum*, 128-129  
*Toxostoma r. rufum*, 308  
*Tyrannus verticalis*, 308  
*Tyto alba pratincola*, 308  
*Vermivora peregrina*, 499  
*Vireo olivaceus*, 308  
*Dolichonyx oryzivorus*, 309  
 Donaldson, Grace, Bill color changes in adult Roseate Terns, 662-668
- Dove,  
   Ground, 692  
   Ringed Turtle, 687-688  
   Rock, 7  
 Duck, Ruddy, 692  
*Dumetella carolinensis*, 308  
 Dusi, Julian L., Feeding interaction between Bonaparte's Gulls and Horned Grebes, 129
- Eagle,  
   Bald, 1, 680-683, 692  
   Golden, 1-12, 305  
 Ecology,  
   *Aquila chrysaetos*, 1-12  
 Ecology and population, periodical literature on, 164-168, 341-343, 535-538, 714-718  
 Edmonds, Vaughan W., Survival of the Cutthroat Finch (*Amadina fasciata*) under desert conditions without water, 326-328  
 Eggs, descriptions and measurements (see also Egg shapes),  
   *Actitis macularia*, 455  
   *Ajaia ajaia*, 325  
   *Amadina fasciata*, 326-328  
   *Buteo l. lineatus*, 455  
   *Collocalia gigas*, 555  
   *Glaucis hirsuta*, 693  
   *Larus delawarensis*, 455  
   *Molothrus bonariensis*, 325  
   *Pitangus sulphuratus*, 325  
   *Spinus tristis*, 494-498  
   *Sporophila obscura*, 137  
   *Tyrannus tyrannus*, 455  
   *Troglodytes aedon*, 455  
   *Uria aalge californica*, 462-463  
 Egg shapes, 454-463  
 Egret,  
   Cattle, 130-131, 304  
   Little, 304  
   Snowy, 678  
*Egretta garzetta*, 304  
 Eisenmann, E., review by, 524-525  
 Elaenia  
   *flavogaster*, 265-286  
   *martinica*, 265-286  
 Elaenia,  
   Caribbean, 265-286

- Yellow-bellied, 265-286
- Embernagra longicauda* Strickland, 323
- Embryology, see Anatomy and —
- Empidonax*  
*flaviventris*, 233-234  
*hammondii*, 512  
*virescens*, 691
- Enderson, James H., David G. Roseneau, and L. G. Swartz, Nesting performance and pesticide residues in Alaskan and Yukon Peregrines in 1967, 683-684
- England, 36-43
- Eremophila alpestris*, 511
- Erpino, Michael J., Aspects of thyroid histology in Black-billed Magpies, 397-403
- Errington, Paul L., Of predation and life (rev.), 525-526
- Erolia acuminata*, 692
- Erskine, Anthony J., Encounters between Bald Eagles and other birds in winter, 681-683
- Eurypyga helias*, 633-638
- Even den, Fred G., see American Ornithologists' Union, Report of Committee on Conservation, 1967, 1968
- Evolution and genetics,  
*Cygnus olor*, 504-505  
 periodical literature on, 169-170, 343-344, 538, 718-719
- Falco  
*peregrinus*, 133, 179-191, 683-684  
 p. **tundrius**, 183-191  
*sparverius*, 7, 510-511  
 s. *sparverius*, 305
- Falcon, Peregrine, 133, 179-191, 683-684
- Fat deposits and utilization,  
*Calcarius lapponicus alascensis*, 651-652  
*Dendroica p. palmarum*, 13-18
- Feathers,  
 pigmentation, 416-430  
 structure, 416-430
- Feduccia, J. Alan, The Pliocene Rails of North America, 441-453
- Finch,  
 Cutthroat, 326-328  
 Gouldian, 416-430
- Ficken, Millicent S., and Robert W. Ficken, Head-scratching in wood warblers, 136
- Ficken, Robert W., see Ficken, Millicent S. and —
- Fisher, Harvey I., The "two-egg clutch" in the Laysan Albatross, 134-136
- Flicker, Red-shafted, 7
- Flight (see also Soaring),  
*Dendroica p. palmarum* (range), 17  
*Oceanodroma leucorhoa* (speed), 36-43  
 Florida, 129, 141, 204, 319, 680-681, 692  
 Florida caerulea, 437-440
- Flycatcher,  
 Acadian, 691  
 Hammond's, 512  
 Tufted, 287-303
- Food and feeding habits,  
*Accipiter cooperii*, 696-697  
*Agelaius phoeniceus*, 560-585  
*Aquila chrysaetos*, 6-8  
*Colinus virginianus*, 464-476  
*Collocalia gigas*, 553-555  
*Colymbus auritus*, 129  
*Dendrocopos arizonae*, 203-215  
*D. borealis*, 203-215  
*Elaenia flavogaster*, 274-276  
*E. martinica*, 274-276  
*Geranoospiza nigra*, 493-494  
*Haliaeetus leucocephalus*, 681-683  
*Icterus galbula*, 321  
*Larus philadelphia*, 129  
*Leucophoyx thula*, 678  
*Megaceryle alcyon*, 140  
*Perisoreus canadensis*, 139  
*Phlegopsis borbae*, 253-264  
*Pipilo fuscus*, 127-128  
*Progne subis*, 651-661  
*Quiscalus quiscula*, 560-585  
*Thalasseus maximus*, 90-100  
*Toxostoma curvirostre*, 127-128  
*Turdus migratorius*, 696  
*Tyrannus tyrannus*, 44-54, 321
- Foraging, see Food and feeding habits
- Fossils,  
*Ciconia maltha*, 315  
*Falco peregrinus*, 133  
*Porphyrio porphyrio*, 133  
 Rallus (many), 441-453
- Friar-bird, New Guinea, 75-81
- Friedmann, Herbert, review by, 331-332



- Gadwall, 355-380, 684-686  
*Gallinula chloropus*, 692  
*Gallinule*,  
     Allen's, 133  
     Common, 692  
     Green-backed, 133  
     Purple, 133  
 Generic status,  
     Florida caerulea, 437-440  
 Genetics, see Evolution and —  
*Geranospiza nigra*, 493-494  
 GerouDET, Paul, *Les Echassiers* (rev.), 528  
*Glaucis hirsuta*, 693  
 Gobeil, Robert E., Second specimen of the  
     Prairie Warbler in New Brunswick,  
     322  
 Godwit, Black-tailed, 306, 500  
 Goldeneye, Barrow's, 305  
 Goldfinch, American, 310, 494-498, 499  
 Goose, White-fronted, 304  
 Goshawk, 431-436  
 Grackle, Common, 560-585  
 Grebe, Horned, 129  
 Greenfinch, 511  
 Grosbeak, Evening, 310  
 Gross, W. B., see Chamberlain, Dwight  
     R., and —  
 Grouse,  
     Blue, 7  
     Ruffed, 306  
     Sage, 7  
     Sharp-tailed, 7  
     Spruce, 305-306  
*Grus americana*, 318  
 Guillemot, Black, 139-140  
 Gull,  
     Band-tailed, 92  
     Bonaparte's, 129  
     Great Black-backed, 682-683  
     Herring, 506-508, 698-699  
     Laughing, 307, 697-699  
     Little, 307  
     Mew, 307  
     Ring-billed, 455  
     330-333, 515-528, 700-702, review by,  
     332-333, 520-522, 528  
 Harrison, C. J. O., Yawning in the  
     Greenfinch, 511  
 Haverschmidt, F., Great Kiskadee para-  
     sitized by Shiny Cowbird in Surinam,  
     325, A nest of the Rufous-breasted  
     Hermit with three eggs, 693, Varia-  
     tion in plumage of Violaceous Trogon  
     in Surinam, 499  
 Hawk,  
     Cooper's, 696-697  
     Marsh, 7  
     Red-shouldered, 455  
     Rough-legged, 501  
     Sparrow, 7, 305, 510-511  
 Hawkins, S. C., see Martinson, R. K.,  
     and —  
 Heintzelman, Donald S., *Empidonax ham-*  
     *mondii* in Pennsylvania, 512  
 Hermit, Rufous-breasted, 693  
 Heron,  
     Little Blue, 437-440  
     Louisiana, 437  
*Hesperiphona v. vespertina*, 310  
 Hindwood, Keith, Australian birds in  
     colour (rev.), 528  
*Hirundo rustica*, 30-35  
 Histology, thyroid, 397-403  
 Höhn, E. Otto, Some observations on the  
     breeding of Northern Phalaropes at  
     Scammon Bay, Alaska, 316-317  
 Homing (see also Migration),  
     *Oceanodroma leucorhoa*, 36-43  
 Honey-eater,  
     Yellow-browed, 74-81  
     Sub-bridled, 74-81  
 Howell, J. C., The 1966 status of 24 nest  
     sites of the Bald Eagle (*Haliaeetus*  
     *leucocephalus*) in east-central Florida,  
     680-681  
 Howell, Thomas R., review by, 150-152  
 Hummingbird,  
     Anna's, 501  
     Berylline, 329  
     Crested, 322  
     Violet-crowned, 329  
 Hybrids and hybridization,  
     *Passerculus sandwichensis* × *Ammodra-*  
     *mus savannarum*, 312-315

Haffer, Jürgen, Notes on the wing and  
 tail molt of the screamers, the Sun-  
 bittern and immature guans, 633-638  
*Haliaeetus leucocephalus*, 1, 680-683, 692  
 Hardy, John William, editor of reviews,

- Passerherbulus caudacutus* × *Ammospiza caudacuta*, 586-593  
*Sialia sialis* × *Sialia currucoides*, 684  
*Hydranassa tricolor*, 437  
*Hylophylax poecilonota*, 260
- Ibis, Glossy, 304  
*Icterus galbula*, 309, 321  
*Icteria virens*, 309  
 Idaho, 695  
 Incubation period (see also Breeding),  
     *Calidris canutus*, 687  
     *Oceanodroma leucorhoa*, 36  
     *Sitta carolinensis*, 479  
     *Spinus tristis*, 494-498  
 International Council for Bird Preservation, British Section, 729  
 Irving, Laurence, see West, George C. and —  
*Ixoreus naevius*, 235
- Java, 549-559  
 Jay,  
     Blue, 513  
     Gray, 139  
 Jehl, Joseph R., Jr., Foraging behavior of *Geranospiza nigra*, the Blackish Crane-hawk, 493-494, review by, 515-520  
 Johnson, A. W., The birds of Chile and adjacent regions of Argentina, Bolivia, and Peru (rev.), 524-525  
 Johnson, Oscar W., Some morphological features of avian kidneys, 216-228  
 Johnston, David W., Body characteristics of Palm Warblers following an over-water flight, 13-18
- Kale, Herbert W., II, The relationship of Purple Martins to mosquito control, 651-661  
 Kalmbach, E. R., review by, 703-706  
 Kansas, 514  
 Kidney, 216-228  
 Kilham, Lawrence, Reproductive behavior of White-breasted Nuthatches, 477-492  
 Kingbird,  
     Eastern, 44-54, 321, 455, 697  
     Western, 308
- Kingfisher,  
     Belted, 140  
     Gaudichaud's, 66-82  
 Kinglet, Golden-crowned, 506  
 Kiskadee, Great, 325  
 Klinghammer, Erich, Aggressive behavior in inexperienced young Ringed Turtle Doves (*Streptopelia risoria*), 687-688  
 Knot, 687  
 Kookaburra,  
     Blue-winged, 66  
     Laughing, 66  
 Kroodsma, Roger L., and J. Frank Cassel, Audubon's Warbler and Red-breasted Nuthatch breeding in North Dakota, 510  
 Krutch, Joseph Wood, Bird songs in literature (rev.), 333  
 Kupa, J. J., see Munro, R. E., and —  
 Kury, Channing R., Difference in weight in male and female cormorants, 513
- Lagopus l. *alascensis*, 641  
 Lane, John, A hybrid Eastern Bluebird × Mountain Bluebird, 684  
*Lanius ludovicianus*, 230  
 Lansdowne, J. F., Birds of the northern forest (rev.), 152-154  
 Lark, Horned, 511  
*Larosterna inca*, 97  
 Larus  
     *argentatus*, 506-508, 698-699  
     *atricilla*, 307, 697-699  
     *belcheri*, 92  
     *c. canus*, 307  
     *delawarensis*, 455  
     *marinus*, 682-683  
     *minutus*, 307  
     *philadelphia*, 129  
 Lawrence, Louise De Kiriline, A comparative life-history study of four species of woodpeckers (rev.), 700, The lovely and the wild (rev.), 702, Notes on hoarding nesting material, display, and flycatching in the Gray Jay (*Perisoreus canadensis*), 139  
 Laybourne, Roxie C., see Banks, Richard C., and —  
*Leucophoyx thula*, 678

- Ligon, J. David, Sexual differences in foraging behavior in two species of *Dendrocopos* woodpeckers, 203-215, review by, 700
- Limosa  
   *limosa*, 500  
   *l. islandica*, 306
- Lobipes lobatus, 316-317
- Longspur,  
   Chestnut-collared, 232-233  
   Lapland, 310, 639-653
- Lophortyx  
   californicus, 83-89  
   gambelii, 83-89
- MacLean, S. F., Jr., and N. A. M. Verbeek, Nesting of the Black Guillemot at Point Barrow, Alaska, 139-140
- MacMillen, Richard E., Correspondence, 729-730
- Macronectes giganteus, 690
- Magpie, Black-billed, 7, 397-403, 508-510
- Maine, 324
- Makatsch, Wolfgang, Wir bestimmen die Vögel Europas (rev.), 149-150
- Malaya, 549-559
- Mallard, 304-305, 385, 684-686
- Management and conservation, periodical literature on, 172, 346-347, 721-722
- Manakin, Thrushlike, 258
- Manitoba, 355-380, 381-396, 617-632, 684, 684-686
- Martin, Paul S., special review by, 155-158
- Martin, Purple, 308, 651-661
- Martinson, R. K., and S. C. Hawkins, Lack of association among duck broodmates during migration and wintering, 684-686
- Maryland, 477-492
- Massachusetts, 500
- McAtee, Waldo Lee, American bird names/their histories and meanings (rev.), 703-706
- McCaskie, R. Guy, A specimen of the Black-throated Green Warbler from Alaska, 320
- McGahan, Jerry, Ecology of the Golden Eagle, 1-12
- Megaceryle alcyon, 140
- Megapodius freycinet, 64-65, 76-81
- Melidectes rufocrissalis, 74-81
- Melospiza melodia, 232-233
- Memoriam,  
   Allen, Arthur A., 193-202  
   Chambers, W. Lee, 405-409  
   Oberholser, Harry Church, 25-29
- Metabolism, 401-402
- Mewaldt, L. Richard, see American Ornithologists' Union, Proceedings
- Mexico, 287-303, 312-315, 437-440
- Michigan, 44-54, 494-498
- Midway Atoll, 134-136
- Migration (see also Homing and Orientation),  
   Anas discors, 617-632  
   A. platyrhynchos, 684-686  
   A. strepera, 684-686  
   Aquila chrysaetos, 9  
   Aythya valisineria, 684-686  
   Calcarius lapponicus alascensis, 639-653  
   Grus americana, 318  
   Lagopus l. alascensis, 641  
   Mitrephanes phaeocercus, 288  
   periodical literature on, 172-173, 347, 542, 722-723  
   Sturnus v. vulgaris, 19-23
- Mimus p. polyglottos, 308
- Mississippi, 90, 321
- Mitrephanes phaeocercus, 287-303
- Mniotilta varia, 136
- Mockingbird, Northern, 308
- Molothrus  
   ater, 324-325, 495  
   a. ater, 309-310  
   bonariensis, 325
- Molts and plumages,  
   Ammodramus caudacuta, 586-593  
   Anas strepera, 355-380  
   Anhima cornuta, 633-638  
   Chauna chavaria, 633-638  
   Collocalia gigas, 550-559  
   Elaenia flavogaster, 268  
   E. martinica, 268  
   Empidonax virescens, 691  
   falcons, 179-189  
   Florida caerulea, 437-440  
   Limosa limosa, 500

- Myiarchine flycatchers, 288-303  
*Passerculus sandwichensis*  $\times$  *Ammodramus* *savannarum*, 312-315  
*Passerherbulus caudacutus*, 586-593  
*P. c.*  $\times$  *Ammospiza caudacuta*, 588-593  
*Phlegopsis borbae*, 253-257  
*Poephila gouldiae*, 416-430  
*Sterna dougallii*, 662-668  
*Thalasseus maximus*, 90-91  
*Trogon violaceus*, 499  
*Tympanuchus pallidicinctus*, 679  
*Tyrannus tyrannus*, 52-54  
*Monasa morphoeus*, 261  
*Montana*, 1-12, 508-510, 695  
*Moorhen*, Rufous-tailed, 65-82  
Moreau, R. E., The bird faunas of Africa and its islands (rev.), 155-158  
Morehouse, Elmer L., and Richard Brewer, Feeding of nesting and fledgling Eastern Kingbirds, 44-54  
Morphology,  
    kidney, 216-228  
Mortality,  
    *Aquila chrysaetos*, 9-10  
Morton, Eugene S., Robins feeding on hairy caterpillars, 696  
Mosby, Henry S., see Chamberlain, Dwight R., and —  
Movement, see Migration and Flight  
Mueller, Helmut C., Correspondence, 352,  
    and Daniel D. Berger, Sex ratios and measurements of migrant Goshawks, 431-436  
Munro, R. E., L. T. Smith, and J. J. Kupa, The genetic basis of color differences observed in the Mute Swan (*Cygnus olor*), 504-505  
Murray, Bertram G., Jr., The relationships of sparrows in the genera *Ammodramus*, *Passerherbulus*, and *Ammospiza* with a description of a hybrid *Le Conte's*  $\times$  *Sharp-tailed Sparrow*, 586-593  
Murre, California, 462-463  
Myology,  
    *Dendroica kirtlandii*, 594-616  
*Myrmeciza fortis*, 260  
Nelson, Colleen H., review by, 152-154  
Nelson, R. Wayne, Nest-robbing by Cooper's Hawks, 696-697  
Nest and nest site (see also Breeding),  
    *Agelaius phoeniceus*, 560-585  
    *Alca torda*, 324  
    *Anas acuta*, 389-395  
    *Aquila chrysaetos*, 1-4  
    *Cephus grylle*, 139-140  
    *Collocalia gigas*, 552-555  
    *Haliaeetus leucocephalus*, 680-681  
    *Lobipes lobatus*, 316-317  
    *Passer domesticus*, 514  
    *Quiscalus quiscula*, 560-585  
    *Sitta carolinensis*, 477-479  
    *Sporophila obscura*, 137-138  
Nesting success (see also Breeding),  
    *Agelaius phoeniceus*, 578-579  
    *Aquila chrysaetos*, 5-6  
    *Falco peregrinus*, 683-684  
    *Quiscalus quiscula*, 578-579  
Nestling period,  
    *Sitta carolinensis*, 479  
    *Spinus tristis*, 494-498  
Nettleship, David N., The incubation period of the Knot, 687  
Nevada, 323, 692  
New Brunswick, 36-43, 322  
New Guinea, 62-82  
New Jersey, 697-699  
New York, 662-668  
Newfoundland, 36-43, 304-311, 506-508  
Newfoundland Grand Banks, 130  
Nighthawk, Common, 236-237  
North Carolina, 90, 140, 499  
North Dakota, 510  
Northwest Territory, 687  
Nova Scotia, 36-43, 681-683  
*Numenius americanus*, 7  
Nunbird, White-fronted, 261  
Nuthatch,  
    Red-breasted, 510  
    White-breasted, 477-492  
Oberholser, Harry Church, In Memoriam, 25-29  
O'Brien, Charles E., Rediscovery of *Embernagra longicauda* Strickland, 323,  
    What is *Pionus reichenowi* (Heine)?, 694-695  
*Oceanites oceanicus*, 130

- Oceanodroma leucorhoa, 36-43, 319  
Oenanthe oenanthe, 308  
Ogden, John C., Sharp-tailed Sandpiper collected in Florida, 692  
Oklahoma, 127-128, 679  
Olfactory bulb, 55-61  
Ontario, 139, 588-593  
Oporornis  
    formosus, 324-325  
    tolmiei, 692  
Ord, Michael, John Bowles (revised by), Hawaii's birds (rev.), 528  
Oregon, 695  
Oreornis subfrenatus, 74-81  
Orientation (see also Migration and —), Anas discors, 617-632  
Oring, Lewis W., Growth, molts, and plumages of the Gadwall, 355-380  
Oriole, Baltimore, 309, 321  
Ortalis g. guttata, 633-638  
Orthorhynchus cristatus, 322  
Owen, Ray B., Jr., Premigratory behavior and orientation in Blue-winged Teal (Anas discors), 617-632  
Owl,  
    Barn, 308  
    Great Horned, 7  
    Long-eared, 7  
    Short-eared, 7  
Oxyura jamaicensis, 692  
  
Paleontology, see Fossils, and Taxonomy and —  
Parasites, see Diseases and —  
Parasitism, social, 325, 495  
Parkes, Kenneth C., editor of reviews, 142-154, see Dickerman, Robert W. and —  
Parmelee, David F., H. A. Stephens, and Richard H. Schmidt, The birds of southeast Victoria Island and adjacent small islands (rev.), 701-702  
Parrot, Blue-headed, 694-695  
Partridge, Gray, 7  
Parula americana, 136, 233-234  
Parus rufescens levyi, 695  
Passer domesticus, 514  
Passerculus sandwichensis, 312-315  
Passerherbulus caudatus, 586-593  
Passerherbulus henslowii, 586-593  
Passerina amoena, 324  
Paxton, Robert O., Wandering Albatross in California, 502-504  
Payne, Robert B., review by, 330-331  
Pedioecetes phasianellus, 7  
Penelope  
    jacquacu granti, 633-638  
    ortoni, 633-638  
    purpurascens aequatorialis, 633-638  
Penguin, King, 689-690  
Pennsylvania, 512  
Perdix perdix, 7  
Perisoreus canadensis, 139  
Peru, 90  
Pessino, Catherine M., Redwinged Blackbird destroys eggs of Common and Roseate Terns, 513  
Peterson, Roger Tory, A field guide to the birds of Britain and Europe (rev.), 146-148, Guide des Oiseaux d'Europe (rev.), 528  
Peterson, Russell, Another view of the city (rev.), 702  
Petrel,  
    Giant, 690  
    Leach's, 36-43, 319  
    Wilson's, 130  
Pettingill, Olin Sewall, Jr., In Memoriam: Arthur A. Allen, 193-202  
Peyton, Leonard J., see West, George C. and —  
Phaenostictus mcleannani, 258  
Phalacrocorax auritus, 513, 682  
Phalarope, Northern, 316-317  
Phasianus colchicus, 7, 306  
Pheasant, Ring-necked, 7, 306  
Philemon novaeguineae, 75-81  
Phillips, Allan R., Geologic age of Ciconia maltha, 315  
Phillips, Richard S., Goldfinch attains age in excess of 11 years, 499  
Phlegopsis  
    borbac, 253-264  
    erythroptera, 258  
    nigromaculata, 258  
Phoebe, Say's, 697  
Physiology,  
    histology, 397-403  
    metabolism, 397-403

- periodical literature on, 175, 348-350,  
543-545, 724-727
- Pica*  
  *pica*, 7  
  *p. hudsonia*, 397-403, 508-510
- Pintail, 381-396
- Pionus reichenowi*, 694-695
- Pipilo  
  *erythrophthalmus*, 310  
  *fuscus*, 127-128
- Pipit, Indian Tree, 323
- Piranga olivacea*, 310
- Pitangus sulphuratus*, 325
- Pitohui *kirhocephalus*, 72-81
- Plegadis f. falcinellus*, 304
- Plover, Eurasian Golden, 306
- Pluvialis apricaria altifrons*, 306
- Poephila gouldiae*, 416-430
- Population, see Ecology and —
- Population dynamics,  
  *Aptenodytes patagonica*, 689-690
- Porphyrio  
  *madagascariensis*, 133  
  *porphyrio*, 133
- Porphyryla alleni*, 133
- Porzana carolina*, 306
- Predation by,  
  *Accipiter cooperii*, 696-697  
  *Macronectes giganteus*, 690
- Predation on,  
  *Aptenodytes patagonica*, 690  
  *Turdus migratorius*, 696-697
- Preston, F. W., The shapes of birds' eggs:  
  mathematical aspects, 454-463
- Progne  
  *subis*, 651-661  
  *s. subis*, 308
- Psophodius olivaceus*, 73
- Ptarmigan, Willow, 641
- Pulch, Warren M., The occurrence of the  
  Crested Hummingbird, *Orthorhyncus*  
  *cristatus exilis* in the United States,  
  322
- Pycnonotus jocosus*, 141
- Quail,  
  California, 83-89  
  Gambel's, 83-89
- Quiscalus quiscula*, 560-585
- Rail,  
  Clapper, 698  
  Virginia, 306
- Rails, fossils, 441-453
- Rallus  
  *l. limicola*, 306  
  *longirostris*, 698  
  fossils (many), 441-453
- Ramsey, Jed J., Roseate Spoonbill chick  
  attacked by ants, 325
- Raven, Common, 682-683
- Razorbill, 324
- Regulus satrapa*, 506
- Rhegmatorhina hoffmannsi*, 258
- Ricklefs, Robert E., Weight recession in  
  nesting birds, 30-35
- Robin, 696-697
- Rohwer, Sievert A., and Glen E. Wool-  
  fenden, A specimen of Leach's Petrel  
  from the Gulf Coast of Florida, 319
- Roseneau, David G., see Enderson, James  
  H., and —
- Rylander, Michael Kent, see Wauer,  
  Roland H. and —
- Rynchops n. nigra*, 307
- Salpinctes obsoletus*, 233-234
- Sandpiper,  
  Sharp-tailed, 692  
  Spotted, 455
- Saskatchewan, 684-686
- Saunders, Aretas A., Correspondence, 352
- Sayornis saya*, 697
- Scaup, Greater, 305
- Schiffornis turdinus*, 258
- Screamer,  
  Horned, 633-638  
  Northern, 633-638
- Scrub-hen, Common, 64-82
- Seed-eater, Dull-colored, 137-138
- Sealy, Spencer G., An addition to the  
  avifauna of North America: *Eremo-*  
  *phila alpestris flava*, 511
- Seifried, Harold, see Brush, Alan H.,  
  and —
- Sex and age groups (identification of),  
  *Accipiter gentilis*, 431-436  
  *Collocalia gigas*, 555-559  
  *Spinus tristis*, 499
- Sheppard, Jay M., Berylline and Violet-

- crowned Hummingbirds in Arizona, 329
- Shields, Robert H. and Earl L. Pinnham, Migratory behavior of Whooping Cranes, 318
- Shoveler, 305
- Shrike, Loggerhead, 230
- Sialia  
  *currucoides*, 684  
  *sialia*, 684
- Sitta  
  *canadensis*, 510  
  *carolinensis*, 477-492
- Skead, C. J., The Sunbirds of South Africa (rev.), 330-331
- Skimmer, Black, 307
- Skinner, Robert W., First specimen of the Rough-legged Hawk from Alabama, 501
- Skutchia borbae, 257-264
- Smith, L. T., see Munro, R. E., and —
- Smith, Neal Griffith, Evolution of some arctic gulls (*Larus*): an experimental study of isolating mechanisms (rev.), 142-145
- Smith, Robert L., The social aspects of reproductive behavior in the Pintail, 381-396
- Snelling, John C., Correspondence, 729-730, Overlap in feeding habits of Red-winged Blackbirds and Common Grackles nesting in a cattail marsh, 560-585
- Snow, D. W. (ed.), Proc. 14th Intern. Orn. Cong. (rev.), 707
- Soaring (see also Flight),
- Sturnus vulgaris*, 19-23
- Somadikarta, Soekarja, The Giant Swiftlet, *Collocalia gigas* Hartert and Butler, 549-559
- Sora, 306
- Sounds, see Vocalizations
- South America, 131
- Sparrow,  
  Baird's, 586-593  
  Grasshopper, 312-315, 586-593  
  Harris', 410-415  
  Henslow's, 586-593  
  House, 514  
  LeConte's, 586-593  
  Savannah, 312-315  
  Seaside, 586-593  
  Sharp-tailed, 586-593  
  Song, 232-233  
  White-crowned, 232-233
- Spatula clypeata*, 305
- Spinus tristis*, 310, 494-498, 499
- Spiza americana*, 310
- Spizella pallida*, 233-234
- Spoonbill, Roseate, 325
- Sporophila obscura*, 137-138
- Starling, 19-23
- Stein, Robert Carrington, Modulation in bird sounds, 229-243
- Sterna*  
  *anaethetus recognita*, 307  
  *dougallii*, 513, 662-668  
  *fuscata*, 98  
  *hirundo*, 513
- Stokes, A. W., and H. W. Williams, Antiphonal calling in quail, 83-89, see Williams, H. Warrington, and —
- Stone, Lois C., In memoriam: W. Lee Chambers, 405-409
- Storer, Robert W., The cotypes of *Zosterops E. Newtoni* Hartlaub, 127
- Stout, Gardner, ed., Peter Matthiessen, Robert Verity Clem, Ralph S. Palmer, The shorebirds of North America (rev.), 515-520
- Streptopelia risoria*, 687-688
- Stresemann, Erwin, Atlas der Verbreitung palaearktischer Vögel (rev.), 331
- Sturnus v. vulgaris*, 19-23
- Sudanese Aswan Reservoir, 133
- Sumatra, 549-559
- Sunbittern, 633-638
- Surinam, 325, 499, 693
- Sutton, George M., The natal plumage of the Lesser Prairie Chicken, 679, Young Curve-billed Thrasher attended by adult Brown Towhee, 127-128, Oklahoma birds (rev.), 520-522, review by, 142-145
- Swallow, Barn, 30-35
- Swan, Mute, 504-505
- Swart, L. G., see Enderson, James H., and —
- Swiftlet, Giant, 549-559
- Syrinx, 229-243, 244-252



- Tanager, Scarlet, 310
- Tatschl, John L., Unusual nesting site for House Sparrows, 514
- Taxonomy and Paleontology, periodical literature on, 175, 350-351, 545-547, 727
- Tchernov, Eitan, Peregrine Falcon and Purple Gallinule of late Pleistocene age in the Sudanese Aswan Reservoir area, 133
- Teal,  
  Blue-winged, 305, 617-632  
  Common, 305
- Terborgh, John W., see Diamond, Jared M., and —
- Tern,  
  Black, 307  
  Bridled, 307  
  Common, 513  
  Elegant, 90-92  
  Inca, 97  
  Roseate, 513, 662-668  
  Royal, 90-100, 678  
  Sooty, 98
- Terres, John K., Flashing wings (rev.), 702, Kingfishers eating bullfrog tadpoles, 140
- Territoriality,  
  *Agelaius phoeniceus*, 560-585  
  *Quiscalus quiscula*, 560-585
- Testicular growth, *Zonotrichia querula*, 410-415
- Teulings, Mrs. Elizabeth P., Winter record of Tennessee Warbler in North Carolina, 499
- Texas, 9, 318, 322, 325, 383, 501
- Thalasseus  
  *elegans*, 90-92  
  *maximus*, 90-100, 678
- Thrasher,  
  Brown, 128-129, 308  
  Curve-billed, 127-128
- Threlfall, William, A Herring Gull chick (*Larus argentatus*) with an abnormal bill, 506-508
- Thrush, Varied, 235
- Thyroid, 397-403
- Todd, Kenneth S., Jr., Weights of Black-billed Magpies from southwestern Montana, 508-510
- Tovar, Humberto S., see Ashmole, N. Philip and —
- Towhee,  
  Brown, 127-128  
  Rufous-sided, 310
- Toxostoma  
  *curvirostre*, 127-128  
  *rufum*, 128-129  
  *r. rufum*, 308
- Traylor, Melvin A., Winter molt in the Acadian Flycatcher, *Empidonax virescens*, 691
- Trimble, Benjamin, Aberrant Wilson's Petrel in the Newfoundland Grand Banks, 130
- Trinidad, 265-286
- Troglodytes aedon, 455
- Trogon, Violaceous, 499
- Trogon violaceus Gmelin, 499
- Trost, Charles H., Correspondence, 729-730
- Tuck, Leslie M., Recent Newfoundland bird records, 304-311
- Turdus migratorius*, 696-697
- Tympanuchus pallidicinctus*, 679
- Tyrannus  
  *tyrannus*, 44-54, 321, 455, 697  
  *verticalis*, 308
- Tyto alba *pratincola*, 308
- Uria *aalge californica*, 462-463
- Vaurie, Charles, review by, 331
- Vepintsev, B., Voices of birds in nature (rev.), 332-333
- Verbeek, N. A. M., see MacLean, S. F., Jr., and —
- Vermivora  
  *bachmanii*, 233-234  
  *chrysoptera*, 136, 232  
  *peregrina*, 499  
  *pinus*, 136, 233-234
- Vireo *olivaceus*, 308
- Vireo, Red-eyed, 308
- Virginia, 19-23, 678
- Vocalizations, 229-243
- Vocalizations of,  
  *Anas acuta*, 381-396  
  *Calcarius ornatus*, 232-233



- Chordeiles minor*, 236-237  
*Collocalia gigas*, 555  
*Dendroica caerulea*, 235  
*D. caerulescens*, 232-234  
*D. chrysoparia*, 233-234  
*D. discolor*, 232-233  
*D. virens*, 233-235  
*Elaenia flavogaster*, 268-269  
*E. martinica*, 268-269  
*Empidonax flaviventris*, 233-234  
*Ixoreus naevius*, 235  
*Lanius ludovicianus*, 230  
*Melospiza melodia*, 232-233  
*Parula americana*, 233-234  
*Phlegopsis borbae*, 258  
*Salpinctes obsoletus*, 233-234  
*Spizella pallida*, 233-234  
*Vermivora bachmanii*, 233-234  
*V. chrysoptera*, 232-233  
*V. pinus*, 233-234  
*Zonotrichia leucophrys*, 232  
Vulture, Turkey, 305
- Wallen, J. Cherrill, see Williams, H. Warrington, and —
- Warbler,  
Audubon's, 510  
Bay-breasted, 136, 309  
Black-and-white, 136  
Black-throated Blue, 233-235  
Black-throated Green, 233-235, 320  
Blue-winged, 136, 233-234  
Cape May, 308  
Cerulean, 235  
Chestnut-sided, 309  
Golden-cheeked, 233-234  
Golden-winged, 136, 232-233  
Kentucky, 324-325  
Kirtland's, 594-616  
MacGillivray's, 692  
Myrtle, 136  
Palm, 13-18  
Parula, 136  
Prairie, 232-233, 322  
Tennessee, 499  
Yellow-throated, 309  
Washington, 695  
Water changes,  
*Hirundo rustica*, 30-35
- Watson, George E., review by, 146-148, 149-150
- Wauer, Roland H., and Michael Kent Rylander, Anna's Hummingbird in west Texas, 501
- Webster, J. Dan, A revision of the Tufted Flycatchers of the genus *Mitrephanes*, 287-303
- Weights and measurements (see also Eggs, description and measurements),  
*Accipiter gentilis*, 431-436  
*Ammospiza caudacuta*, 590  
*Anas strepera*, 355-380  
*Collocalia gigas*, 550-551  
*Dendrocopos arizonae*, 207  
*D. borealis*, 207  
*D. p. palmarum*, 14-15  
*Elaenia flavogaster*, 277-280  
*E. martinica*, 277-280  
*Falco peregrinus tundrius*, 184-189  
*Hirundo rustica*, 30-35  
*Mitrephanes*, 292-303  
*Oceanodroma leucorhoa*, 41  
*Passerherbulus caudacutus*, 590  
*P. c. × Ammospiza caudacuta*, 590  
*Phalacrocorax auritus*, 513  
*Pica p. hudsonia*, 508-510  
*Toxostoma rufum*, 128
- West, George C., Leonard J. Peyion, and Laurence Irving, Analysis of spring migration of Lapland Longspurs to Alaska, 639-653
- West India, 265-286
- Westward Islands, 265-286
- Wetmore, Alexander, The birds of the Republic of Panama (rev.), 150-152
- Wheatear, 308
- Whip-bird, Australian, 73
- White, Clayton M., Diagnosis and relationships of the North American tundra-inhabiting Peregrine Falcons, 179-191
- Williams, H. Warrington, A. W. Stokes, and J. Cherrill Wallen, The food call and display of the Bobwhite Quail (*Colinus virginianus*), 464-476, see Stokes, A. W., and —
- Willis, Edwin O., Taxonomy and behavior of Pale-faced Antbirds, 253-264

- Wilson, Fred E., Testicular growth in the Harris' Sparrow (*Zonotrichia querula*), 410-415
- Wisconsin, 431-436, 560-585
- Wood, Merrill, Birds of Pennsylvania (rev.), 702
- Woodcreeper,  
  Concolor, 260  
  Plain-brown, 260  
  White-chinned, 260
- Woodpecker,  
  Arizona, 203-215  
  Downy, 258  
  Red-bellied, 212  
  Red-cockaded, 203-215
- Wood-shrike, Greater, 72-81
- Woolfenden, Glen E., editor of periodical literature, 159-175, 334-351, 529-547, 707-728, see Rohwer, Sievert A., and —
- Wren, House, 455
- Wyoming, 9, 397-403
- Xanthotis chrysotis, 75-81
- Xanthotis, Brown, 75-81
- Yukon Territory, 639-653, 683-684
- Zonotrichia  
  leucophrys, 232-233  
  querula, 410-415
- Zosterops E. Newtoni, Hartl., 127

# The Auk

*A Quarterly Journal of Ornithology*

EDITOR

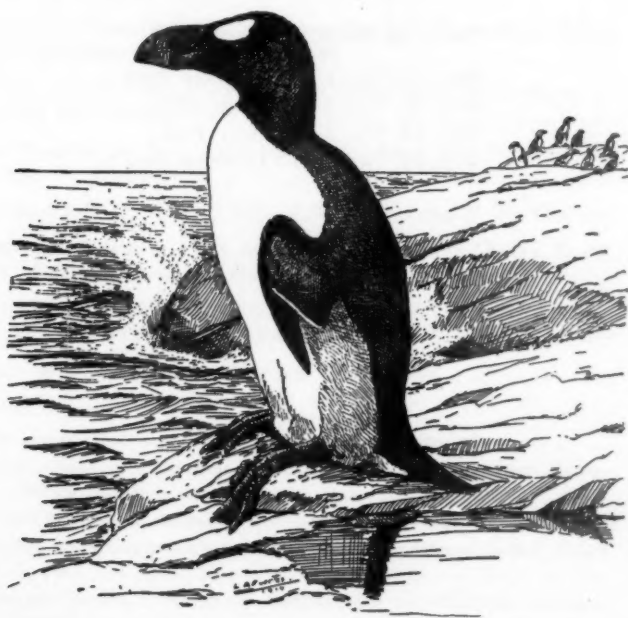
OLIVER L. AUSTIN, JR.

ASSISTANT EDITOR

FLORENCE A. PETTIS

ASSOCIATE EDITORS

JOHN W. HARDY, GLEN E. WOOLFENDEN



**VOLUME 85**

PUBLISHED BY

The American Ornithologists' Union

1968

DATES OF ISSUE OF "THE AUK"

VOL. 85, No. 1—30 JANUARY 1968

VOL. 85, No. 2—15 APRIL 1968

VOL. 85, No. 3—15 JULY 1968

VOL. 85, No. 4—10 OCTOBER 1968

# CONTENTS OF VOLUME 85

## NUMBER 1

ECOLOGY OF THE GOLDEN EAGLE. <i>Jerry McGahan</i> .....	1
BODY CHARACTERISTICS OF PALM WARBLERS FOLLOWING AN OVER- WATER FLIGHT. <i>David W. Johnston</i> .....	13
THERMAL SOARING BY MIGRATING STARLINGS. <i>Clarence D. Cone, Jr.</i> ..	19
IN MEMORIAM: HARRY CHURCH OBERHOLSER. <i>John W. Aldrich</i> ....	25
WEIGHT RECESSION IN NESTLING BIRDS. <i>Robert E. Ricklefs</i> .....	30
HOMING IN LEACH'S PETREL. <i>Susan M. Billings</i> .....	36
FEEDING OF NESTLING AND FLEDGLING EASTERN KINGBIRDS. <i>Elmer L. Morehouse and Richard Brewer</i> .....	44
THE SIZE OF THE OLFACTORY BULB IN 108 SPECIES OF BIRDS. <i>B. G. Bang and Stanley Cobb</i> .....	55
DUAL SINGING BY NEW GUINEA BIRDS. <i>Jared M. Diamond and John W. Terborgh</i> .....	62
ANTIPHONAL CALLING IN QUAIL. <i>A. W. Stokes and H. W. Williams</i> ..	83
PROLONGED PARENTAL CARE IN ROYAL TERNS AND OTHER BIRDS. <i>N. Philip Ashmole and Humberto Tovar S.</i> .....	90
PROCEEDINGS OF THE EIGHTY-FIFTH STATED MEETING OF THE AMER- ICAN ORNITHOLOGISTS' UNION. <i>L. Richard Mewaldt, Secretary</i> ..	101
REPORT OF COMMITTEE ON CONSERVATION, 1967 .....	117
GENERAL NOTES	
The cotypes of <i>Zosterops E. Newtoni</i> Hartlaub. <i>Robert W. Storer</i> .....	127
Young Curve-billed Thrasher attended by adult Brown Towhee. <i>George Miksch Sutton</i> .....	127
A third specimen of the Brown Thrasher from California. <i>John Davis</i> ....	128
Feeding interaction between Bonaparte's Gulls and Horned Grebes. <i>Julian L. Dusi</i> .....	129
Aberrant Wilson's Petrel on the Newfoundland Grand Banks. <i>Benjamin Trimble</i> .....	130
An egret observed on St. Paul's Rocks, equatorial Atlantic Ocean. <i>Vaughan T. Bowen and Geoffrey D. Nicholls</i> .....	130
On the size of the auditory nuclei in some Apodiformes and Caprimulgi- formes. <i>Stanley Cobb</i> .....	132
Peregrine Falcon and Purple Gallinule of late Pleistocene age in the Su- danese Aswan Reservoir area. <i>Eitan Tchernov</i> .....	133
The "two-egg clutch" in the Laysan Albatross. <i>Harvey I. Fisher</i> .....	134

Head-scratching in wood warblers. <i>Millicent S. Ficken and Robert W. Ficken</i> .....	136
Observations on the nesting of <i>Sporophila obscura</i> in association with wasps. <i>Francisco Contino</i> .....	137
Notes on hoarding nesting material, display, and flycatching in the Gray Jay ( <i>Perisoreus canadensis</i> ). <i>Louise de Kiriline Lawrence</i> .....	139
Nesting of the Black Guillemot at Point Barrow, Alaska. <i>S. F. MacLean, Jr. and N. A. M. Verbeek</i> .....	139
Kingfishers eating bullfrog tadpoles. <i>John K. Terres</i> .....	140
The Red-whiskered Bulbul in Florida. <i>Richard C. Banks and Roxie C. Laybourne</i> .....	141
REVIEWS. <i>Edited by Kenneth C. Parkes</i> .....	142
SPECIAL REVIEW: HOW MANY BIRDS BELONG IN AFRICA? <i>Paul S. Martin</i> .....	155
PERIODICAL LITERATURE. <i>Edited by Glen E. Woolfenden</i> .....	159
NOTES AND NEWS .....	176

---

## NUMBER 2

DIAGNOSIS AND RELATIONSHIPS OF THE NORTH AMERICAN TUNDRA-INHABITING PEREGRINE FALCONS. <i>Clayton M. White</i> .....	179
IN MEMORIAM: ARTHUR A. ALLEN. <i>Olin Sewall Pettingill, Jr.</i> .....	192
SEXUAL DIFFERENCES IN FORAGING BEHAVIOR IN TWO SPECIES OF <i>DENDROCOPOS</i> WOODPECKERS. <i>J. David Ligon</i> .....	203
SOME MORPHOLOGICAL FEATURES OF AVIAN KIDNEYS. <i>Oscar W. Johnson</i> .....	216
MODULATION IN BIRD SOUNDS. <i>Robert Carrington Stein</i> .....	229
SYRINGEAL ANATOMY IN THE COMMON CROW. <i>Dwight R. Chamberlain, W. B. Gross, George W. Cornwell, and Henry S. Mosby</i> .....	244
TAXONOMY AND BEHAVIOR OF PALE-FACED ANTIBIRDS. <i>Edwin O. Willis</i> .....	253
COMPETITION BETWEEN TWO WEST INDIAN FLYCATCHERS, <i>ELAENIA</i> . <i>Kenneth L. Crowell</i> .....	265
A REVISION OF THE TUFTED FLYCATCHERS OF THE GENUS <i>MITREPHANES</i> . <i>J. Dan Webster</i> .....	287
RECENT NEWFOUNDLAND BIRD RECORDS. <i>Leslie M. Tuck</i> .....	304

## GENERAL NOTES

A hybrid Grasshopper Sparrow $\times$ Savannah Sparrow. <i>Robert W. Dickerman</i> .....	312
Geologic age of <i>Ciconia maltha</i> . <i>Allan R. Phillips</i> .....	315
Some observations on the breeding of Northern Phalaropes at Scammon Bay, Alaska. <i>E. Otto Höhn</i> .....	316
Migratory behavior of Whooping Cranes. <i>Robert H. Shields and Earl L. Benham</i> .....	318
A specimen of Leach's Petrel from the Gulf coast of Florida. <i>Sievert A. Rohwer and Glen E. Woolfenden</i> .....	319
A specimen of the Black-throated Green Warbler from Alaska. <i>R. Guy McCaskie</i> .....	320
The Pintail ( <i>Anas acuta</i> ) breeding at latitude 82° N on Ellesmere Island, N.W.T., Canada. <i>William J. Maher and David N. Nettleship</i> .....	320
Kingbird feeding Baltimore Oriole nestlings. <i>Marion B. Bragg</i> .....	321
The occurrence of the Crested Hummingbird, <i>Orthorhyncus cristatus exilis</i> , in the United States. <i>Warren M. Pulich</i> .....	322
Second specimen of the Prairie Warbler in New Brunswick. <i>Robert E. Gobeil</i> .....	322
The Indian Tree Pipit ( <i>Anthus hodgsoni</i> ) recorded for the first time in North America. <i>Thomas D. Burleigh</i> .....	323
Rediscovery of <i>Embernagra longicauda</i> Strickland. <i>Charles E. O'Brien</i> .....	323
Razorbill nesting at Matinicus Rock, Maine. <i>Carl W. Buchheister</i> .....	324
Nest protection by the Brown-headed Cowbird ( <i>Molothrus ater</i> ). <i>Russell P. Balda and Steve Carothers</i> .....	324
Great Kiskadee parasitized by Shiny Cowbird in Surinam. <i>F. Haverschmidt</i> .....	325
Roseate Spoonbill chick attacked by ants. <i>Jed J. Ramsey</i> .....	325
Survival of the Cutthroat Finch ( <i>Amadina fasciata</i> ) under desert conditions without water. <i>Vaughan W. Edmonds</i> .....	326
Berylline and Violet-crowned Hummingbirds in Arizona. <i>Jay M. Sheppard</i> .....	329
REVIEWS. <i>Edited by John William Hardy</i> .....	330
PERIODICAL LITERATURE. <i>Edited by Glen E. Woolfenden</i> .....	334
CORRESPONDENCE .....	352
NOTES AND NEWS .....	353

## NUMBER 3

GROWTH, MOLTS, AND PLUMAGES OF THE GADWALL. <i>Lewis W. Oring</i> .....	355
THE SOCIAL ASPECTS OF REPRODUCTIVE BEHAVIOR IN THE PINTAIL. <i>Robert I. Smith</i> .....	381

ASPECTS OF THYROID HISTOLOGY IN BLACK-BILLED MAGPIES. <i>Michael J. Erpino</i> .....	397
IN MEMORIAM: W. LEE CHAMBERS. <i>Lois C. Stone</i> .....	404
TESTICULAR GROWTH IN HARRIS' SPARROW ( <i>ZONOTRICHIA QUERULA</i> ). <i>Fred E. Wilson</i> .....	410
PIGMENTATION AND FEATHER STRUCTURE IN GENETIC VARIANTS OF THE GOULDIAN FINCH, <i>POEPHILA GOULDIAE</i> . <i>Alan H. Brush and Harold Seifried</i> .....	416
SEX RATIOS AND MEASUREMENTS OF MIGRANT GOSHAWKS. <i>Helmut C. Mueller and Daniel D. Berger</i> .....	431
NOTES ON THE PLUMAGES AND GENETIC STATUS OF THE LITTLE BLUE HERON. <i>Robert W. Dickerman and Kenneth C. Parkes</i> .....	437
THE PLIOCENE RAILS OF NORTH AMERICA. <i>J. Alan Feduccia</i> .....	441
THE SHAPES OF BIRDS' EGGS: MATHEMATICAL ASPECTS. <i>F. W. Preston</i> .....	454
THE FOOD CALL AND DISPLAY OF THE BOBWHITE QUAIL ( <i>COLINUS VIRGINIANUS</i> ). <i>H. Warrington Williams, A. W. Stokes, and J. Cherrill Wallen</i> .....	464
REPRODUCTIVE BEHAVIOR OF WHITE-BREASTED NUTHATCHES. <i>Lawrence Kilham</i> .....	477
GENERAL NOTES	
Foraging behavior of <i>Geranospiza nigra</i> , the Blackish Crane-hawk. <i>Joseph R. Jehl, Jr.</i> .....	493
Clutch size, incubation period, and nestling period of the American Goldfinch. <i>Andrew J. Berger</i> .....	494
Goldfinch attains age in excess of 11 years. <i>Richard S. Phillips</i> .....	499
Winter record of Tennessee Warbler in North Carolina. <i>Mrs. Elizabeth P. Teulings</i> .....	499
Variation in plumage of the Violaceous Trogon in Surinam. <i>F. Haver-schmidt</i> .....	499
A United States record of the Black-tailed Godwit. <i>James Baird</i> .....	500
First specimen of the Rough-legged Hawk from Alabama. <i>Robert W. Skinner</i> .....	501
Anna's Hummingbird in west Texas. <i>Roland H. Wauer and Michael Kent Rylander</i> .....	501
Wandering Albatross in California. <i>Robert O. Paxton</i> .....	502
The genetic basis of color differences observed in the Mute Swan ( <i>Cygnus olor</i> ). <i>R. E. Munro, L. T. Smith, and J. J. Kupa</i> .....	504
Crown display of Golden-crowned Kinglet. <i>Charles H. Blake</i> .....	506
A Herring Gull chick ( <i>Larus argentatus</i> ) with an abnormal bill. <i>William Threlfall</i> .....	506



Weights of Black-billed Magpies from southwestern Montana. <i>Kenneth S. Todd, Jr.</i> .....	508
Audubon's Warbler and Red-breasted Nuthatch breeding in North Dakota. <i>Roger L. Kroodsma and J. Frank Cassel</i> .....	510
Records of <i>Falco sparverius</i> from the John River valley, Arctic Alaska. <i>John M. Campbell</i> .....	510
An addition to the avifauna of North America: <i>Eremophila alpestris flava</i> . <i>Spencer G. Sealy</i> .....	511
Yawning in the Greenfinch. <i>C. J. O. Harrison</i> .....	511
<i>Empidonax hammondi</i> in Pennsylvania. <i>Donald S. Heintzelman</i> .....	512
Difference in weight of male and female cormorants. <i>Channing R. Kury</i> ..	513
Redwinged Blackbird destroys eggs of Common and Roseate Terns. <i>Catherine M. Pessino</i> .....	513
Unusual nesting site for House Sparrows. <i>John L. Tatschl</i> .....	514
REVIEWS. <i>Edited by John William Hardy</i> .....	515
PERIODICAL LITERATURE. <i>Edited by Glen E. Woolfenden</i> .....	529
NOTES AND NEWS .....	548

---

#### NUMBER 4

THE GIANT SWIFTLET, <i>COLLOCALIA GIGAS</i> HARTERT AND BUTLER. <i>Soekarja Somadikarta</i> .....	549
OVERLAP IN FEEDING HABITS OF REDWINGED BLACKBIRDS AND COMMON GRACKLES NESTING IN A CATTAIL MARSH. <i>John C. Snelling</i> .....	560
THE RELATIONSHIPS OF SPARROWS IN THE GENERA <i>AMMODRAMUS</i> , <i>PASSERHERBULUS</i> , AND <i>AMMOSPIZA</i> WITH A DESCRIPTION OF A HYBRID LE CONTE'S × SHARP-TAILED SPARROW. <i>Bertram G. Murray, Jr.</i> .....	586
APPENDICULAR MYOLOGY OF KIRTLAND'S WARBLER. <i>Andrew J. Berger</i> .....	594
PREMIGRATORY BEHAVIOR AND ORIENTATION IN BLUE-WINGED TEAL ( <i>ANAS DISCORS</i> ). <i>Ray B. Owen, Jr.</i> .....	617
NOTES ON THE WING AND TAIL MOLT OF THE SCREAMERS, THE SUNBITTERN, AND IMMATURE GUANS. <i>Jürgen Haffer</i> .....	633
ANALYSIS OF SPRING MIGRATION OF LAPLAND LONGSPURS TO ALASKA. <i>George C. West, Leonard J. Peyton, and Laurence Irving</i> .....	639

THE RELATIONSHIP OF PURPLE MARTINS TO MOSQUITO CONTROL. <i>Herbert W. Kale II</i> .....	654
BILL COLOR CHANGES IN ADULT ROSEATE TERNS. <i>Grace Donaldson</i> .....	662
REPORT OF COMMITTEE ON CONSERVATION, 1968 .....	669
GENERAL NOTES	
Tongue-flicking by a feeding Snowy Egret. <i>P. A. Buckley and F. G. Buckley</i> .....	678
The natal plumage of the Lesser Prairie Chicken. <i>George M. Sutton</i> .....	679
The 1966 status of 24 nest sites of the Bald Eagle ( <i>Haliaeetus leucocephalus</i> ) in east-central Florida. <i>J. C. Howell</i> .....	680
Encounters between Bald Eagles and other birds in winter. <i>Anthony J. Erskine</i> .....	681
Nesting performance and pesticide residues in Alaskan and Yukon Peregrines in 1967. <i>James H. Enderson, David G. Roseneau, and L. G. Swartz</i> .....	683
A hybrid Eastern Bluebird $\times$ Mountain Bluebird. <i>John Lane</i> .....	684
Lack of association among duck broodmates during migration and wintering. <i>R. K. Martinson and A. S. Hawkins</i> .....	684
The incubation period of the Knot. <i>David N. Nettleship</i> .....	687
Aggressive behavior in inexperienced young Ringed Turtle Doves ( <i>Streptopelia risoria</i> ). <i>Erich Klinghammer</i> .....	687
Population increase in the King Penguin, <i>Aptenodytes patagonica</i> , at Heard Island. <i>G. M. Budd</i> .....	689
Winter molt in the Acadian Flycatcher, <i>Empidonax virescens</i> . <i>Melvin A. Traylor</i> .....	691
Additional bird records for southern Nevada. <i>George T. Austin</i> .....	692
Sharp-tailed Sandpiper collected in Florida. <i>John C. Ogden</i> .....	692
A nest of the Rufous-breasted Hermit with three eggs. <i>F. Haverschmidt</i> .....	693
Note on the mating behavior of the Least Tern, <i>Sterna albifrons</i> . <i>Katherine von Schmidt</i> .....	694
What is <i>Pionus reichenowi</i> (Heine)? <i>Charles E. O'Brien</i> .....	694
<i>Parus rufescens levyi</i> a nomen novum for <i>P. r. caliginosus</i> Burleigh. <i>Thomas D. Burleigh</i> .....	695
Robins feeding on hairy caterpillars. <i>Eugene S. Morton</i> .....	696
Nest-robbing by Cooper's Hawks. <i>R. Wayne Nelson</i> .....	696
A Brant specimen from Alabama. <i>Thomas Z. Atkeson, Jr.</i> .....	697
Egg puncturing behavior in Laughing Gulls. <i>Salvatore F. Borgiorno</i> .....	697
REVIEWS. <i>Edited by John William Hardy</i> .....	700
SPECIAL REVIEW: AN ORNITHOLOGICAL TREASURE AWAITS RESURRECTION. <i>E. R. Kalmbach</i> .....	703
PERIODICAL LITERATURE. <i>Edited by Glen E. Woolfenden</i> .....	707
CORRESPONDENCE .....	728
INDEX TO VOLUME 85. <i>Compiled by Willetta Lueshen</i> .....	730

